

Massachusetts Health Care Quality and Cost Information: Technical Report

AMI (Without Transfer Cases) Mortality, FY04

| Hospital Name | Total Cases | Total Deaths | Observed Rate | Risk-adjusted rate | Confidence Interval | Upper Confidence Interval | Statistical Significance | Days in Hospital |
|--|-------------|--------------|---------------|--------------------|---------------------|---------------------------|--------------------------|------------------|
| All Massachusetts Hospitals | 10982 | 979 | 8.91 | 8.05 | 7.56 | 8.54 | | |
| Anna Jaques Hospital | 36 | 2 | 5.56 | 0.00 | -8.58 | 8.58 | ★ ★ | 6 |
| Athol Memorial Hospital | 28 | 4 | | | | | | |
| Baystate Medical Center | 816 | 51 | 6.25 | 6.48 | 4.68 | 8.29 | ★ ★ | 6 |
| Berkshire Medical Center | 76 | 13 | 17.11 | 9.90 | 4.00 | 15.81 | ★ ★ | 6 |
| BI Deaconess Hospital — Needham | 17 | 3 | | | | | | |
| BI Deaconess Medical Center | 889 | 38 | 4.27 | 7.63 | 5.90 | 9.36 | ★ ★ | 5 |
| Boston Medical Center | 327 | 20 | 6.12 | 8.92 | 6.07 | 11.77 | ★ ★ | 8 |
| Brigham and Women's Hospital | 365 | 20 | 5.48 | 7.49 | 4.80 | 10.19 | ★ ★ | 6 |
| Brockton Hospital | 160 | 21 | 13.13 | 9.51 | 5.43 | 13.58 | ★ ★ | 6 |
| Cambridge H.A.— Cambridge Campus | 45 | 7 | 15.56 | 8.01 | 0.33 | 15.68 | ★ ★ | 5 |
| Cambridge H.A. — Somerville Campus | 38 | 8 | 21.05 | 10.88 | 2.53 | 19.23 | ★ ★ | 6 |
| Cambridge H.A. — Whidden Memorial Campus | 50 | 9 | 18.00 | 12.20 | 4.92 | 19.49 | ★ ★ | 6 |
| Cape Cod Hospital | 573 | 37 | 6.46 | 8.30 | 6.15 | 10.45 | ★ ★ | 5 |
| Caritas Carney Hospital | 50 | 8 | 16.00 | 10.10 | 2.82 | 17.38 | ★ ★ | 8 |
| Caritas Good Samaritan Medical Center | 67 | 15 | 22.39 | 15.11 | 8.82 | 21.41 | ★ | 5 |
| Caritas Holy Family Hospital | 51 | 14 | 27.45 | 17.71 | 10.50 | 24.92 | ★ | 8 |
| Caritas Norwood Hospital | 180 | 14 | 7.78 | 7.16 | 3.32 | 10.99 | ★ ★ | 5 |
| Caritas St. Elizabeth's Medical Center | 164 | 14 | 8.54 | 6.96 | 2.94 | 10.98 | ★ ★ | 8 |
| Clinton Hospital | 15 | 0 | | | | | | |
| Cooley Dickinson Hospital | 89 | 9 | 10.11 | 11.41 | 5.95 | 16.87 | ★ ★ | 5 |
| Emerson Hospital | 16 | 3 | | | | | | |
| Fairview Hospital | 18 | 3 | | | | | | |
| Falmouth Hospital | 96 | 8 | 8.33 | 3.89 | -1.37 | 9.14 | ★ ★ | 6 |
| Faulkner Hospital | 63 | 5 | 7.94 | 0.56 | -5.93 | 7.05 | ★ ★ ★ | 5 |
| Franklin Medical Center | 51 | 5 | 9.80 | 2.56 | -4.65 | 9.78 | ★ ★ | 5 |
| Hallmark H.S. — Lawrence Memorial Campus | 45 | 7 | 15.56 | 8.17 | 0.50 | 15.85 | ★ ★ | 7 |
| Hallmark H.S. — Melrose-Wakefield Campus | 124 | 9 | 7.26 | 5.07 | 0.44 | 9.69 | ★ ★ | 6 |
| Harrington Memorial Hospital | 32 | 3 | 9.38 | 10.08 | 0.98 | 19.19 | ★ ★ | 6 |
| Health Alliance — Leominster | 96 | 8 | 8.33 | 3.24 | -2.02 | 8.49 | ★ ★ | 5 |
| Heywood Hospital | 46 | 9 | 19.57 | 13.84 | 6.25 | 21.44 | ★ ★ | 5 |
| Holyoke Medical Center | 138 | 22 | 15.94 | 9.56 | 5.17 | 13.94 | ★ ★ | 7 |
| Hubbard Regional Hospital | 17 | 1 | | | | | | |
| Jordan Hospital | 100 | 17 | 17.00 | 9.01 | 3.86 | 14.16 | ★ ★ | 6 |
| Lahey Clinic — Burlington Campus | 472 | 30 | 6.36 | 7.64 | 5.27 | 10.01 | ★ ★ | 5 |
| Lawrence General Hospital | 58 | 11 | 18.97 | 10.56 | 3.80 | 17.33 | ★ ★ | 9 |
| Lowell General Hospital | 72 | 7 | 9.72 | 7.18 | 1.11 | 13.25 | ★ ★ | 5 |

Notes:

Source: DHCFP Hospital Discharge Data and 403 Hospital Cost Report

Rates not calculated for hospitals with fewer than 30 cases.

CMI (Case-mix Index): 1=least complex, 2=average, 3=most complex

Legend:

\$ Hospitals with lowest 25% of costs

\$\$ Hospitals in middle 50% of costs

\$\$\$ Hospitals with highest 25% of costs

★ Mortality significantly higher than s

★ ★ Mortality as expected

★ ★ ★ Mortality significantly lower than sta

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| Hospital Name | Total Cases | Total Deaths | Observed Rate | Risk-adjusted rate | Confidence Interval | Upper Confidence Interval | Statistical Significance | Days in Hospital |
|--|-------------|--------------|---------------|--------------------|---------------------|---------------------------|--------------------------|------------------|
| All Massachusetts Hospitals | 10982 | 979 | 8.91 | 8.05 | | | | |
| Marlborough Hospital | 48 | 7 | 14.58 | 7.63 | 0.19 | 15.06 | ★ ★ | 5 |
| Martha's Vineyard Hospital | <10 | | | | | | | |
| Mary Lane Hospital | 29 | 1 | | | | | | |
| Massachusetts General Hospital | 518 | 37 | 7.14 | 6.69 | 4.43 | 8.95 | ★ ★ | 8 |
| Mercy Medical Center | 147 | 25 | 17.01 | 7.66 | 3.42 | 11.91 | ★ ★ | 6 |
| Merrimack Valley Hospital | 44 | 9 | 20.45 | 12.81 | 5.05 | 20.57 | ★ ★ | 6 |
| MetroWest M.C. — Framingham | 94 | 4 | 4.26 | 3.47 | -1.84 | 8.78 | ★ ★ | 5 |
| MetroWest M.C. — Leonard Morse | 56 | 11 | 19.64 | 16.02 | 9.14 | 22.90 | ★ | 6 |
| Milford Regional Medical Center | 86 | 12 | 13.95 | 4.31 | -1.24 | 9.86 | ★ ★ | 6 |
| Milton Hospital | 54 | 6 | 11.11 | 6.57 | -0.44 | 13.57 | ★ ★ | 6 |
| Morton Hospital | 175 | 16 | 9.14 | 5.52 | 1.63 | 9.42 | ★ ★ | 6 |
| Mount Auburn Hospital | 331 | 18 | 5.44 | 7.84 | 5.01 | 10.67 | ★ ★ | 6 |
| Nantucket Cottage Hospital | 0 | | | | | | | |
| Nashoba Valley Medical Center | 31 | 2 | 6.45 | 6.16 | -3.08 | 15.41 | ★ ★ | 5 |
| New England Baptist Hospital | <10 | | | | | | | |
| Newton-Wellesley Hospital | 67 | 15 | 22.39 | 10.73 | 4.44 | 17.02 | ★ ★ | 6 |
| Noble Hospital | 44 | 7 | 15.91 | 9.01 | 1.25 | 16.77 | ★ ★ | 6 |
| North Adams Regional Hospital | 64 | 10 | 15.63 | 12.23 | 5.80 | 18.67 | ★ ★ | 4 |
| North Shore M.C. — Salem Campus | 190 | 14 | 7.37 | 8.71 | 4.97 | 12.45 | ★ ★ | 5 |
| North Shore M.C. — Union Campus | 95 | 9 | 9.47 | 5.86 | 0.58 | 11.14 | ★ ★ | 5 |
| Northeast H.S. — Addison Gilbert Campus | 35 | 2 | 5.71 | 6.54 | -2.16 | 15.25 | ★ ★ | 4 |
| Northeast H.S. — Beverly Campus | 143 | 18 | 12.59 | 6.38 | 2.07 | 10.68 | ★ ★ | 6 |
| Quincy Medical Center | 103 | 14 | 13.59 | 10.11 | 5.03 | 15.18 | ★ ★ | 5 |
| Saint Anne's Hospital | 58 | 8 | 13.79 | 8.15 | 1.39 | 14.91 | ★ ★ | 7 |
| Saint Vincent Hospital | 639 | 47 | 7.36 | 9.75 | 7.72 | 11.79 | ★ ★ | 5 |
| Saints Memorial Medical Center | 70 | 14 | 20.00 | 16.63 | 10.47 | 22.78 | ★ | 5 |
| South Shore Hospital | 224 | 21 | 9.38 | 2.13 | -1.31 | 5.57 | ★ ★ ★ | 6 |
| Southcoast H.G. — Charlton Memorial Campus | 449 | 33 | 7.35 | 8.54 | 6.11 | 10.97 | ★ ★ | 7 |
| Southcoast H.G. — St. Luke's Campus | 208 | 50 | 24.04 | 15.01 | 11.44 | 18.58 | ★ | 7 |
| Southcoast H.G. — Tobey Hospital Campus | 25 | 2 | | | | | | |
| Sturdy Memorial Hospital | 59 | 14 | 23.73 | 14.83 | 8.13 | 21.53 | ★ | 7 |
| Tufts-NEMC | 616 | 25 | 4.06 | 8.53 | 6.45 | 10.60 | ★ ★ | 6 |
| UMass Memorial Medical Center | 579 | 50 | 8.64 | 8.75 | 6.61 | 10.89 | ★ ★ | 5 |
| Winchester Hospital | 176 | 19 | 10.80 | 8.15 | 4.27 | 12.03 | ★ ★ | 5 |
| Wing Memorial Hospital | 34 | 2 | 5.88 | 3.77 | -5.06 | 12.60 | ★ ★ | 5 |

Notes:

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Legend:

\$ Hospitals with lowest 25% of costs
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★ Mortality significantly higher than s
 ★ ★ Mortality as expected
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| Cost | Quartile Range | CMI |
|-------------|------------------|-----|
| | | |
| | | |
| \$\$ | \$6,961-\$13,527 | 2 |
| | | |
| \$\$\$ | > \$13,527 | 3 |
| \$\$ | \$6,961-\$13,527 | 2 |
| | | |
| \$\$\$ | > \$13,527 | 3 |
| \$\$\$ | > \$13,527 | 3 |
| \$\$\$ | > \$13,527 | 3 |
| \$\$ | \$6,961-\$13,527 | 2 |
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| \$ | < \$6,961 | 2 |
| \$ | < \$6,961 | 2 |
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| \$\$ | \$6,961-\$13,527 | 2 |
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| \$\$ | \$6,961-\$13,527 | 2 |
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| Cost | Quartile Range | CMI |
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| \$\$ | \$6,961-\$13,527 | 2 |
| \$ | < \$6,961 | 2 |
| \$\$\$ | > \$13,527 | 3 |
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| \$\$ | \$6,961-\$13,527 | 1 |
| \$\$\$ | > \$13,527 | 3 |
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